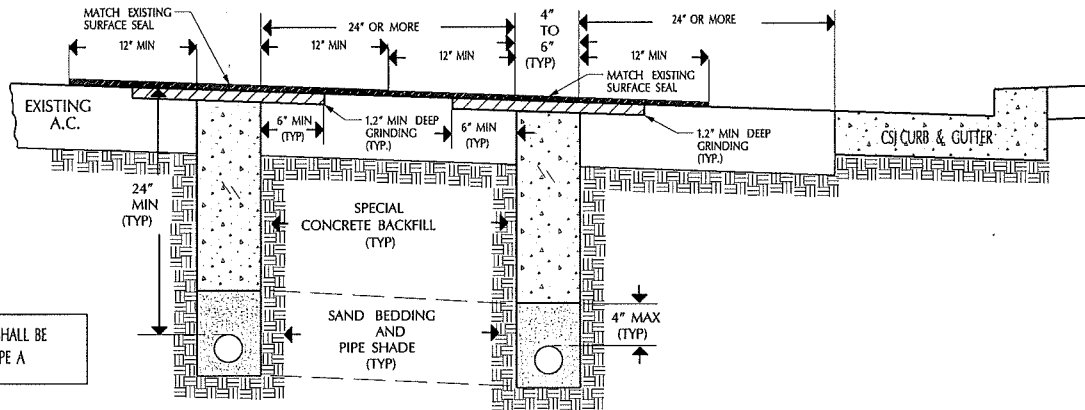


CITY OF SAN JOSE, DEPARTMENT OF PUBLIC WORKS, ENGINEERING SERVICES, UTILITIES SECTION
NARROW/ ROCKWHEEL TRENCH DETAILS

DETAIL #1

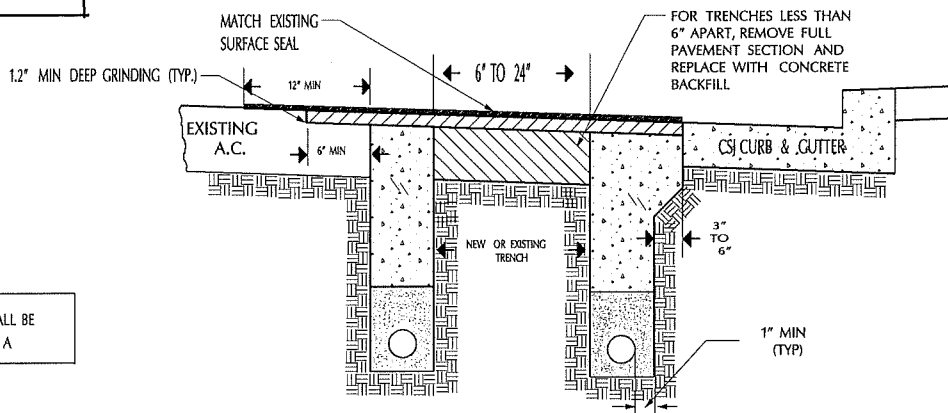
FOR TRENCH CONSTRUCTION 24" OR MORE FROM AN EXISTING TRENCH



1.2" SURFACE AC SHALL BE
 ** MEDIUM, TYPE A

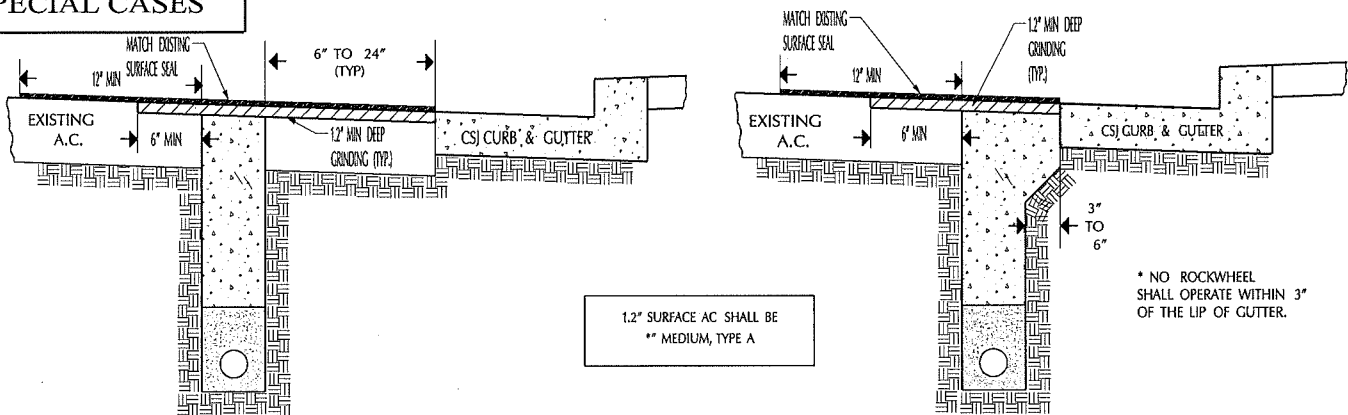
DETAIL #2

FOR TRENCH CONSTRUCTION WITHIN 24" OF AN EXISTING TRENCH



1.2" SURFACE AC SHALL BE
 ** MEDIUM, TYPE A

SPECIAL CASES



1.2" SURFACE AC SHALL BE
 ** MEDIUM, TYPE A

* NO ROCKWHEEL
 SHALL OPERATE WITHIN 3"
 OF THE LIP OF GUTTER.

SPECIFICATIONS

- THE BACKFILL MATERIAL FOR NARROW TRENCHES SHALL CONSIST OF A PORTLAND CEMENT CONCRETE (PCC) MIX CONFORMING TO THE 1992 CITY OF SAN JOSE (CSJ) STANDARD SPECIFICATIONS, SECTION 90. THE PROPOSED MIX SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL FIVE (5) WORKING DAYS BEFORE USE WITHIN THE PUBLIC RIGHT OF WAY. PORTLAND CEMENT SHALL BE TYPE II MODIFIED, AND THE CONTENT SHALL NOT BE LESS THAN 376 LBS/CY. THE PROPOSED MIX DESIGN SHALL ACHIEVE, WITHIN TWO (2) HOURS, A MINIMUM PENETRATION STRENGTH OF 200 PSI WHEN TESTED IN ACCORDANCE WITH ASTM C403. DURING CONSTRUCTION, FOR FIELD QUALITY CONTROL, THE PCC MIX SHALL REACH A MINIMUM PENETRATION STRENGTH OF 400 PSI AS DETERMINED BY A POCKET PENETROMETER. THE PROPOSED MIX DESIGN SHALL BE ABLE TO SUPPORT MOTORCYCLE AND/OR BICYCLE TRAFFIC WITHIN TWO HOURS. THE MIX SHALL ALSO ACHIEVE 2000 PSI COMPRESSIVE STRENGTH WITHIN TWENTY-EIGHT (28) DAYS WHEN TESTED IN ACCORDANCE WITH ASTM C39.
- HAND VIBRATOR(S) SHALL BE USED TO CONSOLIDATE THE PCC BACKFILL MATERIAL.
- PCC MATERIAL SHALL BE PLACED FLUSH TO THE SURFACE OF THE EXISTING STREET.
- REMOVE ONE (1.2) INCH, MINIMUM, PCC BACKFILL BY GRINDING; AC PAVE TO MATCH EXISTING SURFACE SEAL (CAPE-SEAL, SLURRY-SEAL, ETC.) A MINIMUM OF 12" FROM TRENCH WALL AFTER PLACING FINAL AC LIFT.
- TRENCH SURFACE RESTORATION SHALL BE COMPLETED WITHIN FIVE (5) DAYS FROM THE DATE OF BACKFILL PLACEMENT.

5-19-10